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United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

AUGUST, 1930

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A copy of any of the general publications listed herein, except those otherwise noted, may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts. Free distribution of periodicals is restricted.

After the department's supply is exhausted, publications may still be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., but by purchase only, and at the prices stated herein.

☞Send all remittances to the Superintendent of Documents direct. His office is not a part of the Department of Agriculture.

GENERAL PUBLICATIONS

FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

Breeds of beef cattle. E. W. Sheets, Bureau of Animal Industry. Revised by W. H. Black. 26 p., figs. 18. (Farmers' Bulletin 612 F., slightly revised.) Price 5¢.

The house centipede. C. L. Marlatt, Bureau of Entomology. 4 p., figs. 2. (Farmers' Bulletin 627 F., revised.) Price 5¢.

Sheep-killing dogs. V. L. Simmons, Bureau of Animal Industry. 34 p., figs. 2. (Farmers' Bulletin 1268 F., revised.) Price 5¢.

Cleaning milking machines. L. H. Burgwald, Bureau of Dairy Industry. 14 p., figs. 12. (Farmers' Bulletin 1315 F., revised.) Price 5¢.

Strawberry diseases. Neil E. Stevens, Bureau of Plant Industry. 18 p., figs. 9. (Farmers' Bulletin 1458 F., revised.) Price 5¢.

Preventing damage by termites or white ants. T. E. Snyder, Bureau of Entomology. 22 p., figs. 19. (Farmers' Bulletin 1472 F., revised.) Price 5¢.

Marketing farm produce by parcel post. Lewis B. Flohr, Bureau of Agricultural Economics. 54 p., figs. 24 (Farmers' Bulletin 1551 F., revised.) Price 10¢.

Karakul sheep. C. G. Potts, Bureau of Animal Industry. 10 p., figs. 6. (Farmers' Bulletin 1632 F.) Price 10¢.

TECHNICAL BULLETINS

The Technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited, as they are intended primarily for scientific workers and subject-matter specialists.

The bacterial blight of beans caused by *Bacterium phaseoli.* W. J. Zaumeyer, Bureau of Plant Industry. 36 p., figs. 10, pls. 2. (Technical Bulletin 186 T.) Price 10¢.

Ventilation of farm barns. M. A. R. Kelley, Bureau of Public Roads. 75 p., figs. 24, pls. 8. (Technical Bulletin 187 T.) Price 25¢.

Experiments on the control of tomato yellows. Michael Shapovalov, Bureau of Plant Industry. 24 p., pls. 4, fig. 1. (Technical Bulletin 189 T.) Price 10¢.

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A study of the lesser migratory grasshopper. R. L. Shotwell, Bureau of Entomology. 35 p., figs. 13. (Technical Bulletin 190 T.) Price 10¢.

As this pest can best be combated in the egg or early nymphal stages, the life-history study here presented should be of material aid in control work.

The production, extraction, and germination of lodgepole pine seed. C. G. Bates, Forest service. 92 p., figs. 21, pls. 3. (Technical Bulletin 191 T.) Price 20¢.

Wintering steers in the North Central Great Plains Section. W. H. Black, Bureau of Animal Industry, and O. R. Mathews, Bureau of Plant Industry. 14 p., figs. 2. (Technical Bulletin 192 T.) Price 5¢.

Control of the mountain pine beetle in lodgepole pine by the use of solar heat. J. E. Patterson, Bureau of Entomology. 20 p., figs. 11. (Technical Bulletin 195 T.) Price 5¢.

CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

A comparative study of dusting by means of airplane and ground machine for the control of the blueberry maggot. F. H. Lathrop and C. B. Nickels, Bureau of Entomology. 15 p., figs. 3. (Circular 123 C.) Price 5¢.

Traps for the Japanese beetle. E. R. Van Leeuwen and F. W. Metzger, Bureau of Entomology. 16 p., figs. 6. (Circular 130 C.) Price, 5¢.

Fighting the corn borer with machinery in the two-generation area. C. O. Reed, Ohio State University, and R. B. Gray, Bureau of Public Roads, collaborating with L. H. Worthley, Plant Quarantine and Control Administration, and D. J. Caffrey, Bureau of Entomology. 50 p., 36 figs. (Circular 132 C.) Price 15¢.

MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the department, particularly those of a size other than octavo. Such publications were formerly issued as Miscellaneous Circulars.

Recommendations of the Bureau of Animal Industry on problems of livestock production. 14 p. (Miscellaneous Publication 81 MP.) Price 5¢.

How the national forests of California benefit the State. S. B. Show, Forest Service. 8 p. (Miscellaneous Publication 82 MP.) Price 5¢.

The world wheat outlook, 1930, and facts that farmers should consider. Prepared by the staff of the Bureau of Agricultural Economics. 40 p., figs. 34. (Miscellaneous Publication 95 MP.) Price 10¢.

SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey; and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area surveyed and to soil specialists. All requests for Soil Surveys are referred to the Bureau of Chemistry and Soils, which controls their distribution.

Alabama, Montgomery County. (1926, No. 12.) 25¢.

Maryland, Prince Georges County. (1925, No. 30.) 20¢.

Massachusetts, Dukes and Nantucket Counties. (1925, No. 28.) Price 25¢.

Ohio, Muskingum County. (1925, No. 26.) 25¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry, for July, 1930 (S. R. A.—B. A. I. 278), pp. 47–56, price 5¢; for August, 1930 (S. R. A.—B. A. I. 279), pp. 57–64, price 5¢.

Developments in methods of corn-borer control. L. H. Worthley, Plant Quarantine and Control Administration. 4 p. (P. Q. C. A.—Unnumbered.)

List of current quarantines and other restrictive orders and miscellaneous regulations, Plant Quarantine and Control Administration. 7 p. (P. Q. C. A.—Unnumbered.)

Modification of European corn borer regulations. Amendment to regulation 3. Effective August 1, 1930. 1 p. (P. Q. C. A.—Q. 43.)

Notices of judgment under the food and drugs act. N. J. F. D. 16826–16850, pp. 527–539; N. J. F. D. 16851–16875, pp. 541–557; N. J. F. D. 16876–16900, pp. 559–569; N. J. F. D. 16901–16925, pp. 571–582.

Regulations governing the entry of potatoes into the United States. Amendment 2 to Regulation 7. Effective August 1, 1930. 2 p. (P. Q. C. A.—Potato Regs.)

Regulations governing the meat inspection of the U. S. Department of Agriculture. Amendment to Regulation 1, B. A. I. Order 211, revised. 2 p. (Amend. 6 to B. A. I. Order 211, revised.) Price 5¢.

Regulations governing the recognition of breeds and purebred animals. 6 p. (B. A. I. Order 325.) Price 5¢.

White-pine blister-rust quarantine. Quarantine No. 63, revision of regulations. 6 p. (P. Q. C. A.—Q. 63.) Price 5¢.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 14, No. 8. August 1, 1930. Price, 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.[1]

A brief general summary of current conditions, including pertinent statistics relating to productiou, movement, consumption, and prices of the important farm products.

Climatological data. Vol. 17, No. 4, April, 1930.

In 42 sections, containing weather statistics for 42 separate sections, each corresponding, as a rule, to a State. Monthly information for 1 section is 50¢ a year; for data regarding all 42 sections, 35¢ a month, or $4 a year.[1] Not for general distribution.

Crops and markets. Vol. 7, No. 7, July, 1930. Price, 5¢ a copy; 60¢ a year, domestic; 85¢ a year, foreign.[1]

Statistics concerning crops and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily, except Sundays and holidays, 25¢ a month, $3.00 a year; daily, including Sundays and holidays, 30¢ a month, $3.60 a year. Sunday and holiday maps only, 50¢ a year, Foreign subscriptions, $7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States; 20¢ a month, $2.40 a year.[1]

Experiment station record. Vol. 63, No. 1, July, 1930. Single numbers for sale only. Price, 10¢.[1]

A technical review of the world's scientific literature pertaining to agriculture. Two volumes a year, of 10 numbers each; 75¢ a volume, domestic; $1.25 a volume, foreign.

Forest worker. Vol. 6, No. 4. July, 1930. Price, 5¢ a copy; 25¢ a year, domestic; 35¢ a year, foreign.[1]

News of State forestry, forestry education, private forestry, and the work of the Forest Service.

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[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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Journal of agricultural research. Price, 20¢ a copy; $4 a year, domestic; $5.25 a year foreign.[1] Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work. Separates of articles are distributed free to those desiring them, as long as the limited supply lasts.

——— Vol. 41, No. 2. July 15, 1930. Illus.

CONTENTS:

Effect of rye and vetch green manures on the microflora, nitrates, and hydrogen-ion concentration of two acid and neutralized soils. (H–17.) Nathan R. Smith and Harry Humfeld.

Neodiplogaster pinicola, n. sp., a nema associated with the white-pine weevil in terminal shoots of the white pine. (G–733.) G. Steiner.

A method for determining the quantity of oil retained by citrus foliage after spraying. (Ala.–14.) L. L. English.

The value of potassium iodide as a supplement to the ration of growing chicks. (Ill.–41.) T. S. Hamilton and C. H. Kick.

A comparative study of the protective value of certain fabrics in still and moving air. (Kans.–59.) Katherine Hess, E. V. Floyd, and Lillian Baker.

The limits of error of the Babcock test for cream. (Kans.–60.) W. H. Martin, A. C. Fay, and K. M. Renner.

Genetic characters in relation to chromosome numbers in a wheat species cross. (Minn.–67.) F. J. Stevenson.

——— Vol. 41, No. 3. August 1, 1930. Illus.

CONTENTS:

Anatomy and physiology of the digestive tract of the Japanese beetle. (K–210.) Millard C. Swingle.

The feeding rate of the Australian lady beetle, *Rodolia cardinalis*. (K–211.) A. W. Cressman and Mrs. J. O. Dumestre.

Vitamin G in certain meats and meat by-products. (A–140.) Ralph Hoagland and George G. Snider.

Relation between the vigor of the corn plant and its susceptibility to smut (*Ustilago zeae*). (G–735.) C. H. Kyle.

A comparative study of the citrus blast bacterium and some other allied organisms. (Calif.–54.) Clayton O. Smith and Howard S. Fawcett.

Some physiological studies of *Phytomonas citri*. (Fla.–4.) K. W. Loucks.

Bacterial stripe diseases of sugarcane in Louisiana. (La.–5.) W. N. Christopher and C. W. Edgerton.

Monthly weather review. Vol. 58, No. 4. April, 1930. Illus. Price, 15¢ a copy; $1.50 a year, domestic; $2.25 a year, foreign.[1] Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretive summary, and (3) climatological tables.

Public roads. Price, 10¢ a copy; $1 a year, domestic; $1.50 a year foreign.[1]

——— Vol. 11. No. 5. July, 1930. Illus.

CONTENTS:

Calibrations of accelerometers for use in motor truck impact tests.

Program for International Road Congress announced.

The official record. Vol. 9, Nos. 31–35. July 31, August 7, 14, 21, 28, 1930. Price, 5¢ a copy; 50¢ a year, domestic; $1.10 a year, foreign.[1]

Contains official orders and miscellaneous information concerning the department's activities and such other matter as should be brought to employees' attention.

Weekly weather and crop bulletin. Nos. 31–34. August 5, 12, 19, 26. Price, 50¢ a year, domestic; $1 a year, foreign.[1]

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

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[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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